

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 32 (8/08/2021- 8/14/2021)

COCONINO COUNTY  
*August 20, 2021*



# Situation Summary

MMWR Week 32 (8/08/2021-8/14/2021)

**A total of 19,172 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – August 14, 2021.**

**Deaths: 323** (2% of cases)

**Probable Deaths: 5**

**Recovered Cases: 17,868**

(93% of cases)

**Hospitalizations: 1,428**

(7% of cases)

**Total Fully Vaccinated: 68,143**

(55.8% of the eligible population)

## Cases Reported Week 32 (August 8, 2021 - August 14, 2021):

**318  
Positive  
Cases**

**71%  
Not Fully  
Vaccinated**

**224.8  
Rate per  
100,000**

**9.8%  
Positivity  
Yield**

## Community Transmission

- Coconino County has a current incidence rate of **224.8 per 100,000**, percent positivity of **9.8%**, and **COVID-19-Like-Illness incidence (CLI)** of **5.4%\***.
- Coconino County is currently at a **High\*\*** level of community transmission.

Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

\*CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.

\*\* CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

## Cumulative Counts (March 15, 2020 – August 14, 2021):

19,172  
Positive  
Cases

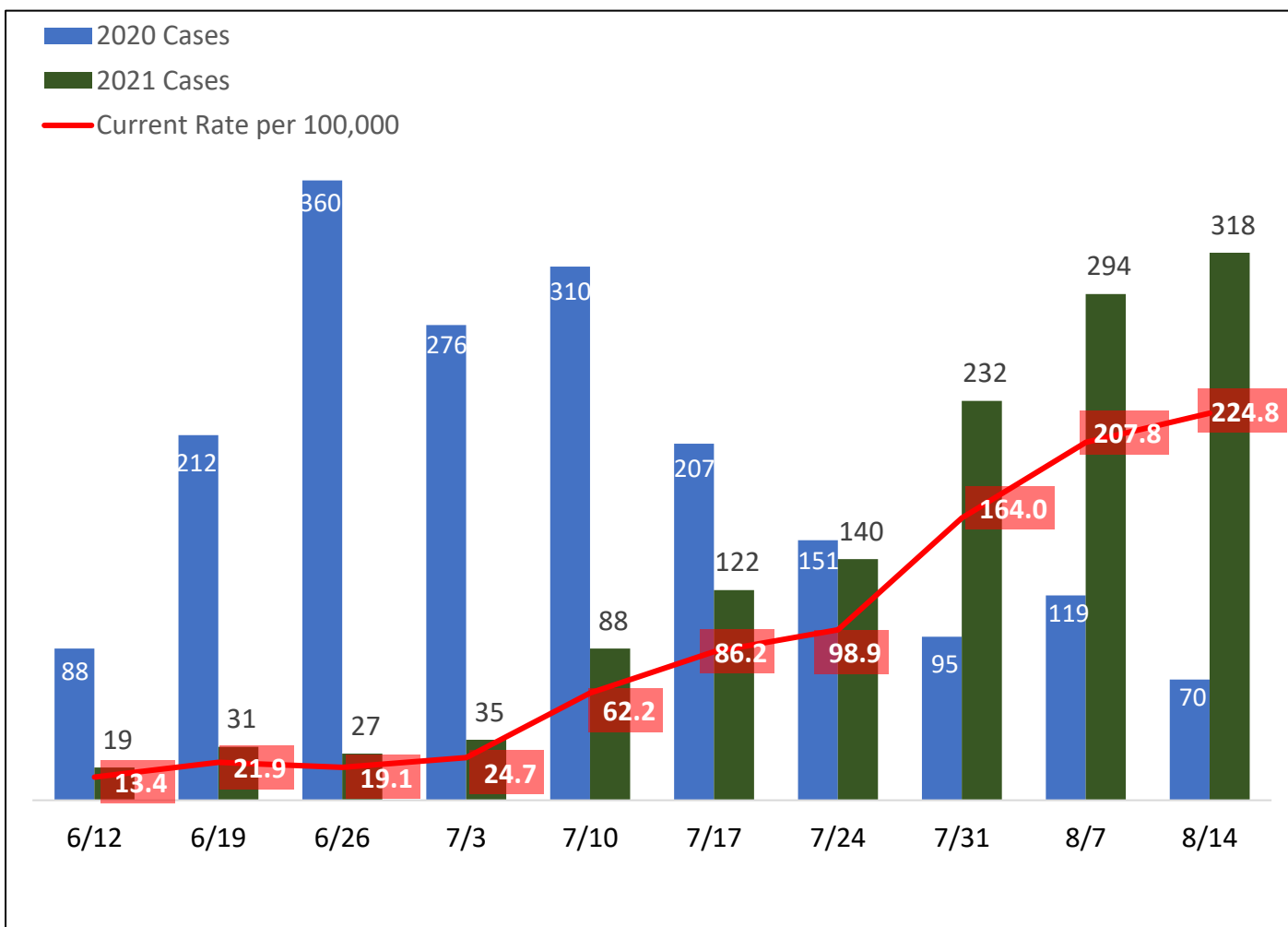
279,018  
Total  
Tests

96,891  
People  
Tested

11.2%  
Positivity  
Yield

**13,550.2 cases per 100,000 Coconino County Residents**  
**vs.**  
**13,582.8 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:

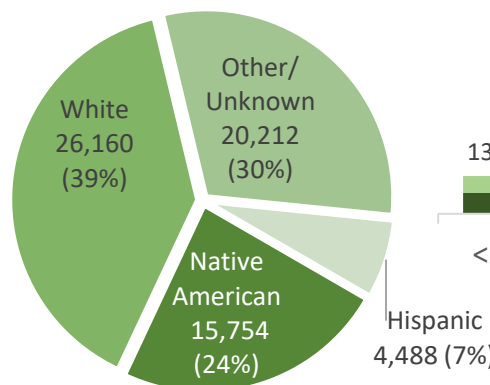


# COVID-19 Situation Summary\*

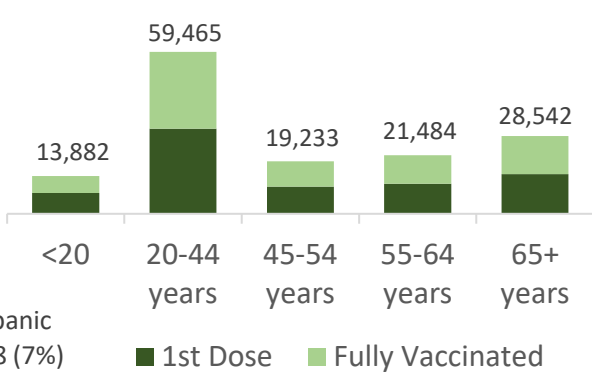
Please visit Vaccine Administration at [azdhs.gov](https://azdhs.gov) for additional Coconino County vaccine data.

## COVID-19 Vaccinations Among Coconino County Residents:

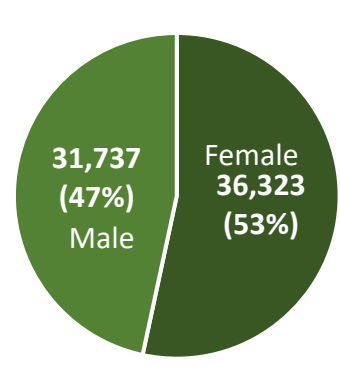
Fully Vaccinated by Race\*\*



Vaccinations by Age

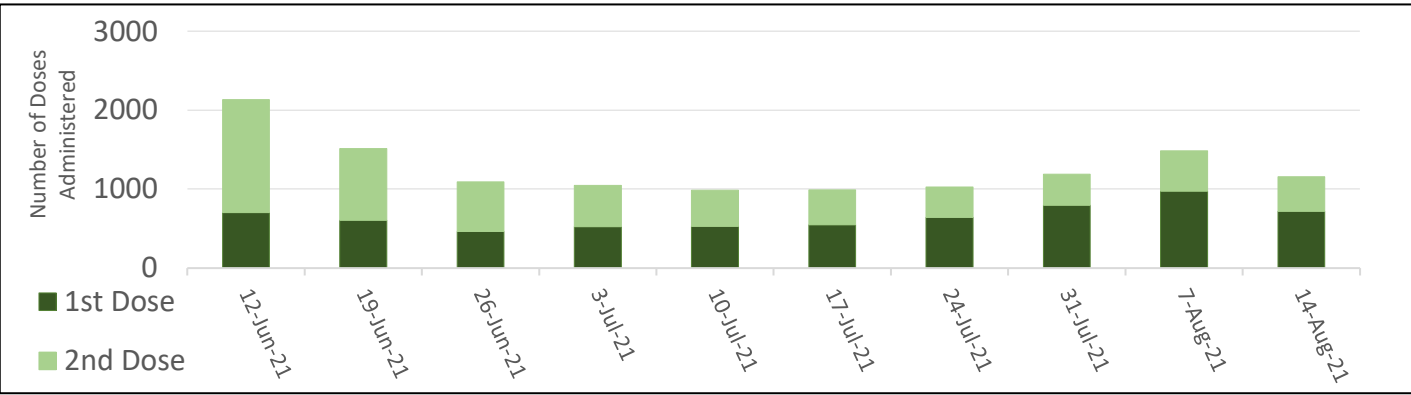


Fully Vaccinated by Sex



\*\*The following races account for less than 1% of total vaccinations:  
Asian or Pacific Islander (1,049) and Black or African American (480).

## Weekly Vaccine Counts Among Coconino County Residents:



## Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Flagstaff	47,879	43,746	51,082
86001/86005	27,814	24,850	56,006
86004	19,824	18,085	57,420
86011	871	811	8,299

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Page	5,317	5,027	73,742
Tribal Communities	14,751	13,401	64,499
Williams	2,377	2,145	42,806
Grand Canyon	1,635	1,515	69,816
Other Areas	2,504	2,309	41,012

<sup>†</sup>Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

# COVID-19 Situation Summary\*

## Location:

Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>†</sup>
Flagstaff	11,532	12,080	9.1%	43,746	51.1%
Page	1,289	17,116	17.4%	5,027	73.7%
Tribal Communities	4,816	19,562	15.5%	13,401	64.5%
Williams	675	11,853	15.0%	2,145	42.8%
Grand Canyon	230	9,062	14.1%	1,515	69.8%
Other Areas	630	11,164	12.7%	2,309	41.0%

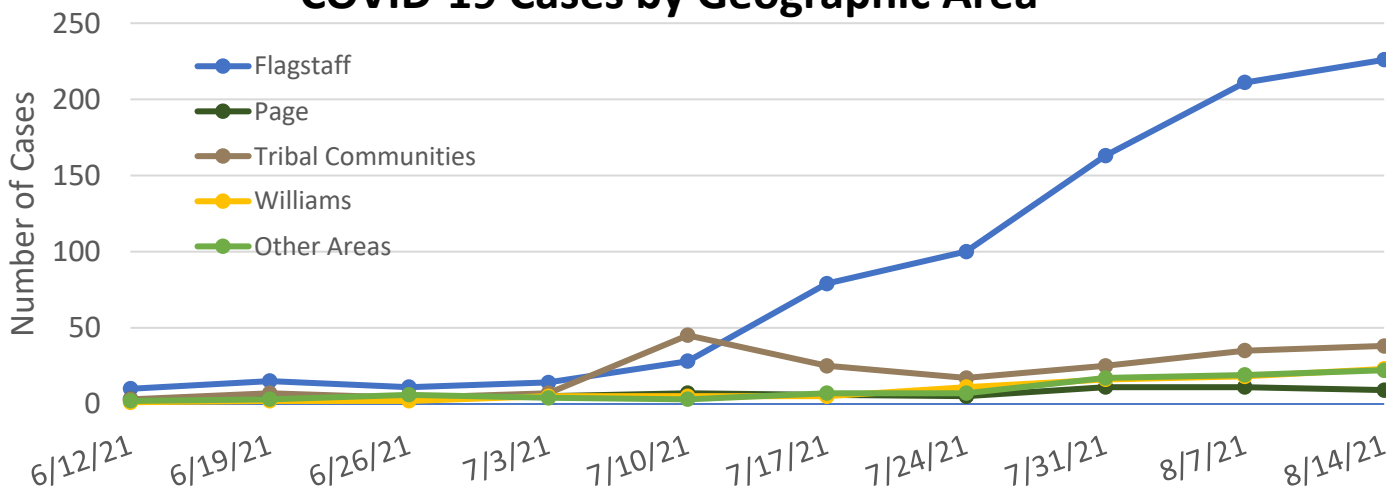
<sup>†</sup>Population estimates include residents aged 10 and older.  
 Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



### Key Take Away

- **Williams** experienced the largest **increase in cases** from the previous week with a **28% increase**.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.

## COVID-19 Cases by Geographic Area



## Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>‡</sup>
<20 years	3,989	9,775	12.1%	6,269	28.8%
20-44 years	9,489	18,179	11.3%	28,214	54.1%
45-54 years	2,191	14,916	12.4%	9,271	63.1%
55-64 years	1,888	11,378	10.5%	10,429	62.8%
65+ years	1,615	9,510	9.1%	13,960	82.2%

<sup>‡</sup>Population estimates include residents aged 12 and older.

Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

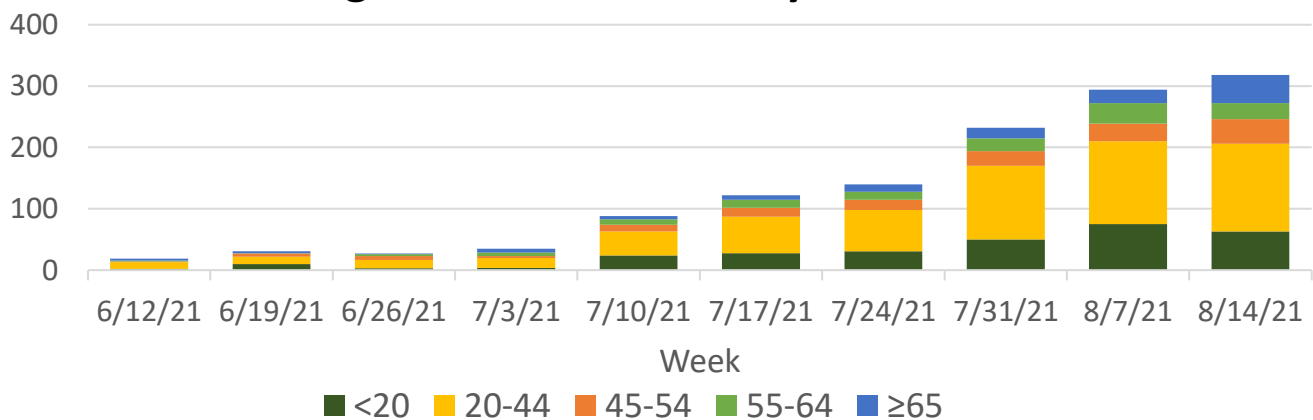
## The median age of Coconino County COVID-19 cases is 30 years old



### Key Take Away

- The highest **case incidence** for week 32 was observed among residents aged 20-44, 45-54, and 65+ with an incidence of 274, 272, and 271 per 100,000, respectively
- The highest **positivity yield** for week 32 was observed among residents aged 65+ with a positivity yield of 12.1%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

## Age of Positive Cases by Week



\*Cases reported from 3/15/20-8/14/21

## Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Native American	7,227	19,857	15,754	47.6%
White	6,521	8,540	26,160	35.1%
Hispanic	3,063	15,368	4,488	25.2%
Black or African American	252	15,990	480	22.5%
Asian/ Pacific Island	218	7,588	1,049	34.1%
Other/ Unknown	1,891	N/A	20,212	N/A

<sup>‡</sup>Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



### Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

## Sex:

Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Female	9,754	13,645	10.2%	36,323	58.3%
Male	9,382	13,443	12.2%	31,737	53.0%

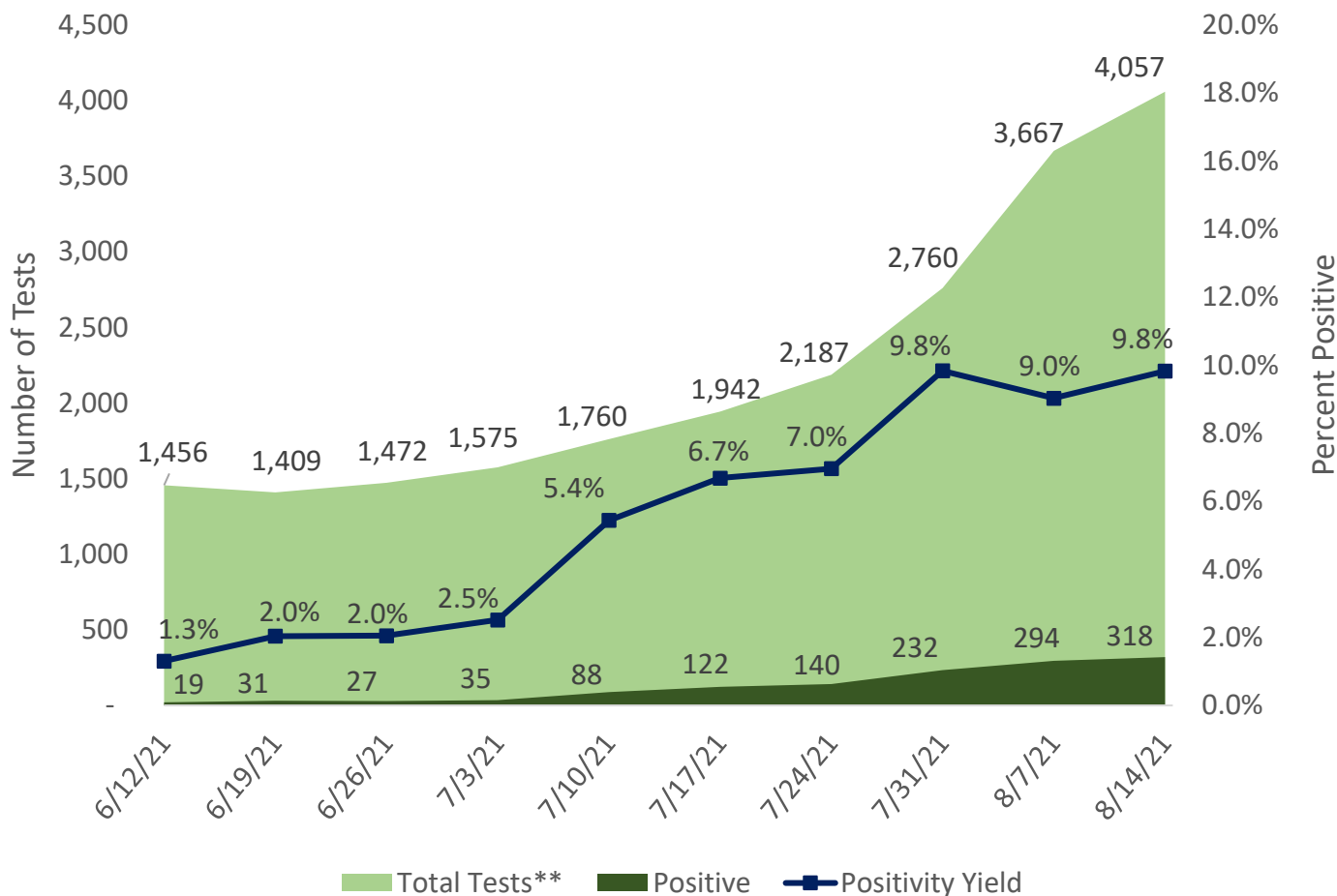
<sup>‡</sup> Population Estimates include residents aged 12 and older



### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 24% more tests than male residents.
- Male residents have higher testing positivity yields.

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

\*\*Data was changed to display total tests per week rather than number of people tested per week.

### COVID-19 Diagnostic Testing:

**People Tested:** A total of 96,891 Coconino County residents have been tested.

**Tests Conducted:** A total of 279,018 have been conducted among Coconino County residents.

**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 8,275**

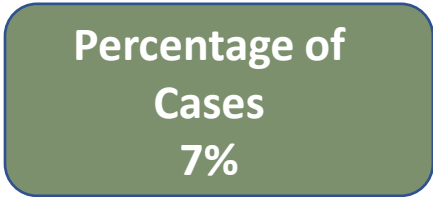
**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 268 (As of 8/14/2021)**
- **Total individuals monitored to date: 7,887**

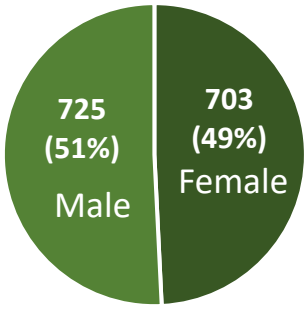


## Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

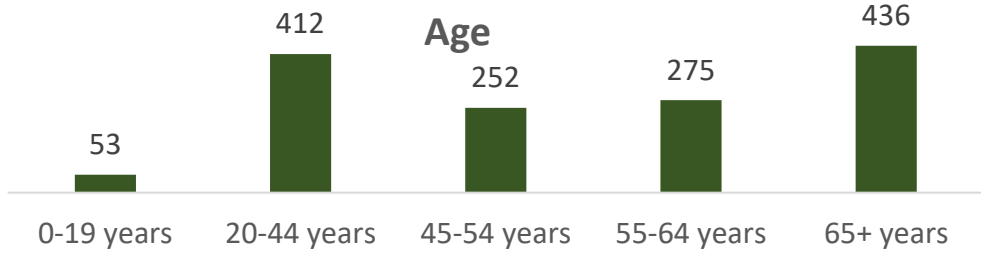


### Sex



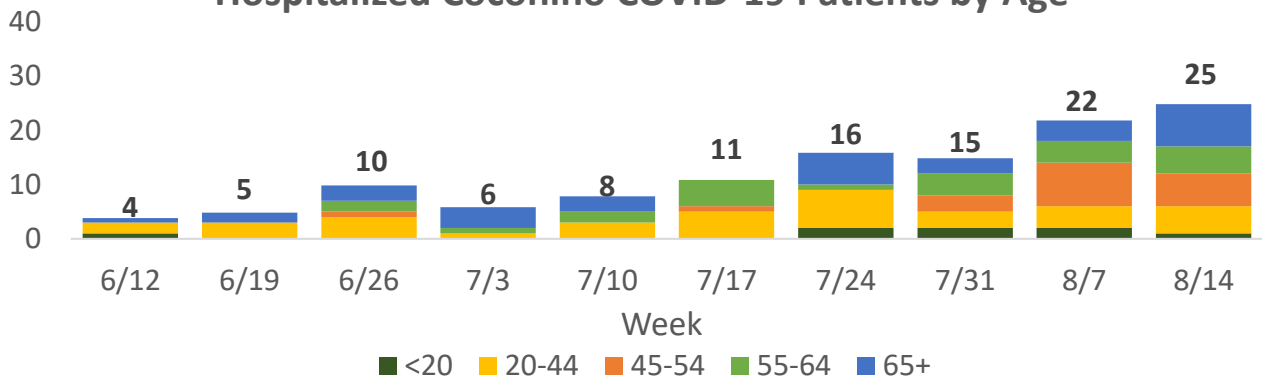
16% of hospitalized residents were in the ICU and 7% were intubated.

### Hospitalized Coconino COVID-19 Patients by Age

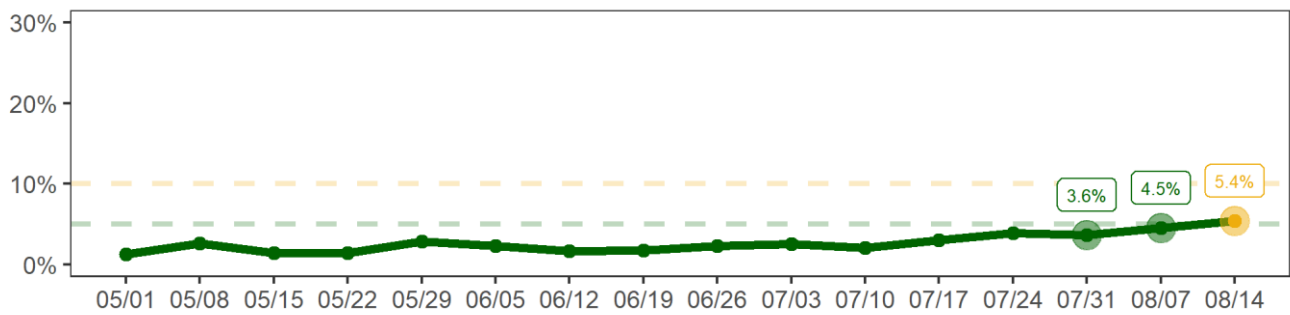


## Weekly Case Counts Among Coconino County Residents:

### Hospitalized Coconino COVID-19 Patients by Age



## Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



\*Cases reported from 3/15/20-8/14/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

# COVID-19 Situation Summary\*

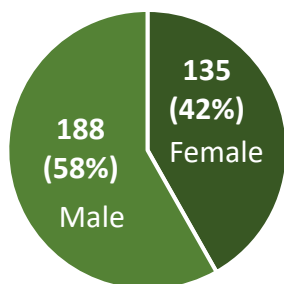
## COVID-19 Related Deaths:

Percentage of  
Cases  
2%

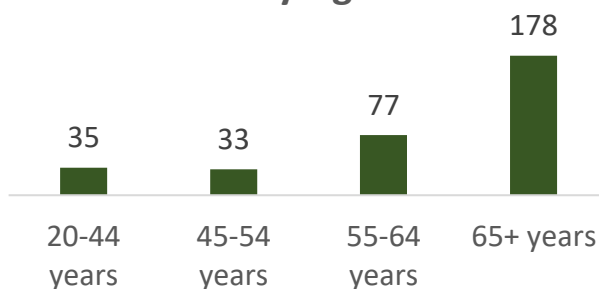
Deaths  
323

Fatalities  
Per 100,000  
228.3

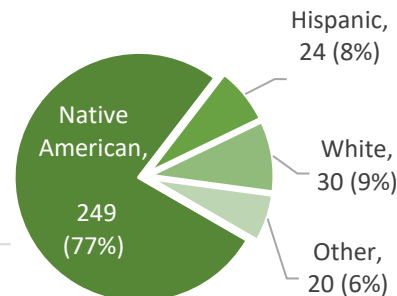
### Sex



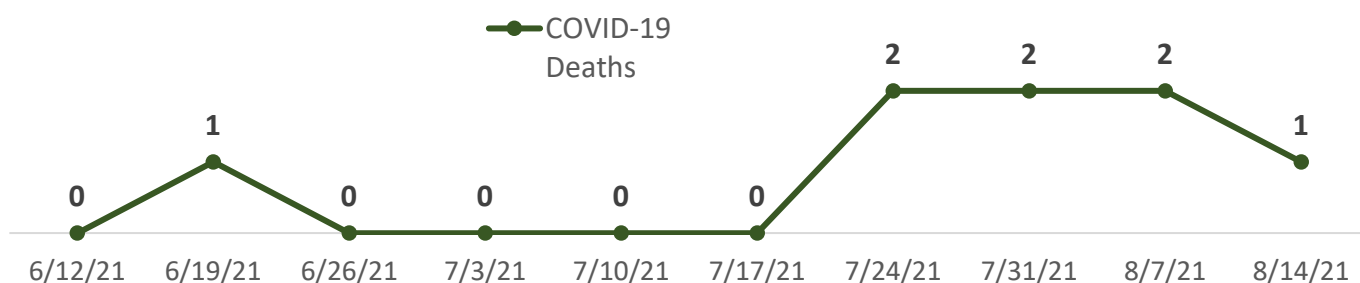
### Coconino COVID-19 Deaths by Age



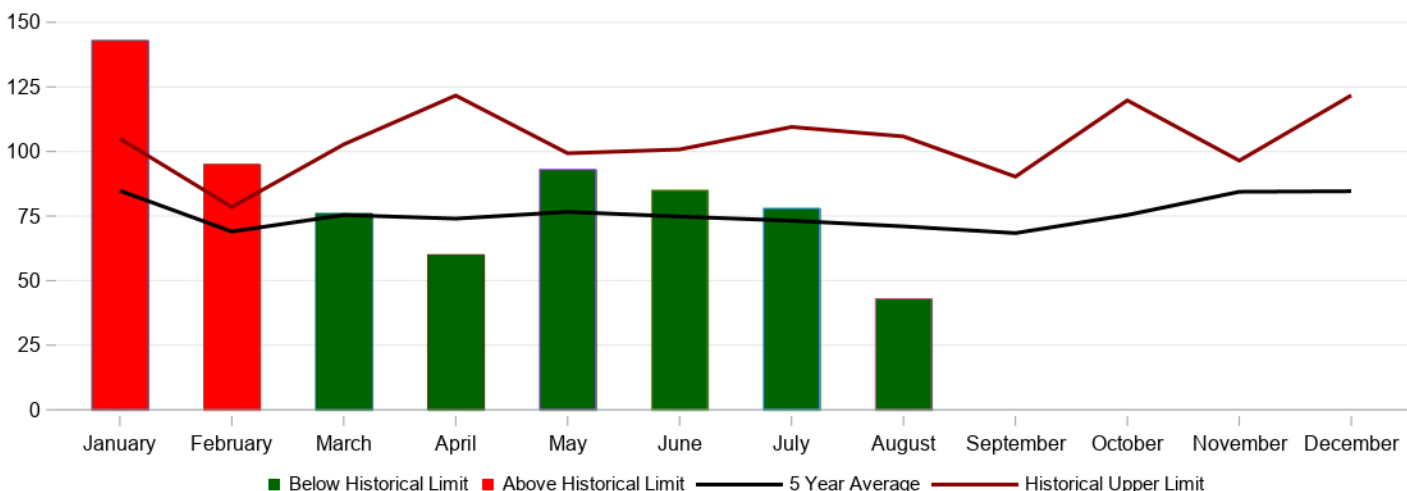
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:



### 2021 All Deaths Aberration



## COVID-19 Variants:

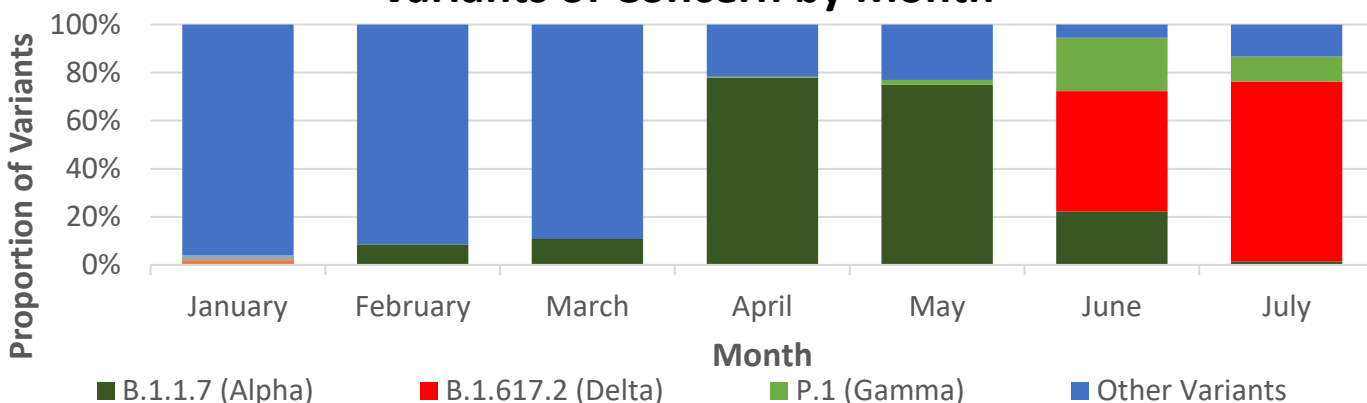
### Coconino County Total Variants of Concern\*\*



\*\*A variant for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), reduced effectiveness of treatments or vaccines, or diagnostic detection failures as defined by the CDC. Current data suggest that COVID-19 vaccines authorized for use in the United States offer protection against variants currently spreading in Coconino County.

89% of identified variants of concern are among Flagstaff residents.

### Variants of Concern by Month



**1,533 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.**

*For more information about SARS-CoV-2 variants, please visit the CDC webpage:*

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions/)

*For more information regarding variant testing in Arizona, please visit the TGen website:*

[AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/az-covid-19-sequencing-dashboard/)

## Vaccine Breakthrough\*\*\*:

**Total Vaccine Breakthrough Cases: 365**

(1.9% of all cases)

**Vaccine Breakthrough Cases with Variant of Concern: 36**

(10% of vaccine breakthrough cases)

\*\*\*Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS.

\*Cases reported from 3/15/20-8/14/21